

# CSS



NAVAL SURFACE WARFARE CENTER  
DAHLGREN DIVISION

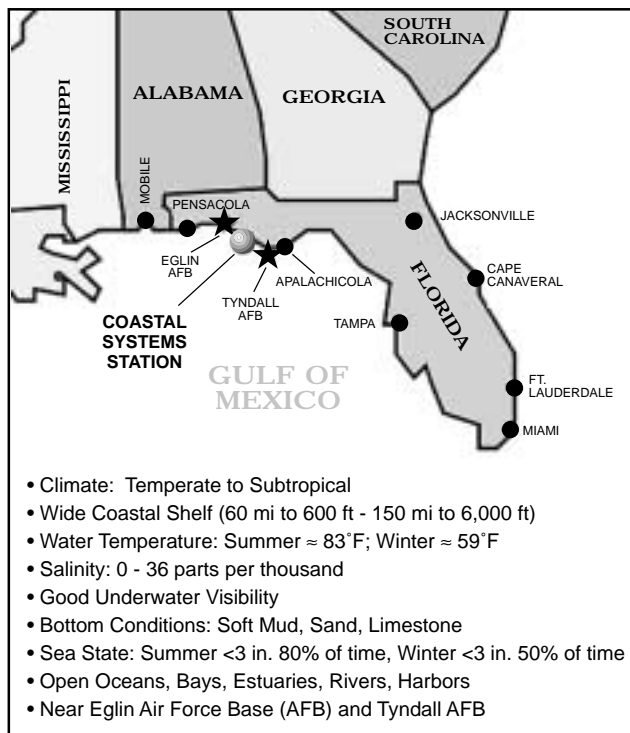


### *Focusing on the Littoral Regions*

Located on a 648-acre tract along St. Andrew Bay in Panama City, Florida, and with direct, deep-water access to the Gulf of Mexico, the Coastal Systems Station (CSS) is the Navy's premier organization responsible for all phases of research, development, test and evaluation (RDT&E) associated with the coastal region. CSS is ideally positioned—both geographically and in terms of recognized mission areas and technical expertise—to be a key participant in the arena of joint expeditionary operations in the littoral environment.

Throughout its existence, CSS's mission, size, and responsibilities have continued to evolve to meet the demanding requirements of the U.S. Navy—to defend today and to plan for tomorrow in response to national needs. CSS traces its origins to the closing days of World War II when equipment, facilities, and personnel were transferred from the U.S. Naval Mine Warfare Test Station, Solomons, Maryland, to Panama City, Florida, where the U.S. Navy Mine Countermeasures Station was established on July 20, 1945.

Over the years, the mission of CSS has expanded beyond mine warfare to include amphibious warfare, maritime special warfare, diving and life support, and coastal operations, as well as other specially focused advanced countermeasures. More recently, CSS has become increasingly involved in the broad areas of expeditionary warfare, joint littoral warfare, counterdrug operations, operations other than war, and operations in the coastal arena.



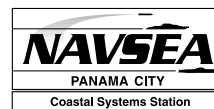
*CSS takes full advantage of a diversity of test environments and proximity to other major military commands on the Gulf of Mexico.*

### *Proven Leadership in Coastal Technology*

CSS teams with industry to provide RDT&E, acquisition, and in-service engineering support to Navy program sponsors and the Fleet. Its strategic location affords local test environments that closely duplicate many of the coastal and littoral regions most important to Navy missions today. CSS is well known for its technical leadership in the following major mission areas:

- **Littoral Warfare**  
Providing innovation and vision for littoral warfare. Developing and evaluating concepts and systems to support the warfighter in the littoral environment
- **Mine Warfare**  
Developing naval airborne, surface, organic, and shallow water mine countermeasure systems as well as sea mine systems
- **Amphibious Warfare**  
Providing technical direction, management, and life cycle support for the Amphibious Warfare, U.S. Marine Corps, and Strategic Sealift systems
- **Special Warfare**  
Providing expertise in Maritime Special Operations Forces (SOF) mobility, life support, and mission support RDT&E, acquisition, and life-cycle support
- **Diving and Life Support**  
Working as an acknowledged world leader in diving and life support to provide the necessary technical expertise throughout all phases of development—from fundamental research through full-scale development into production and tri-service support of underwater and surface life support equipment and systems
- **Coastal Operations**  
Applying knowledge and technology developed for military and warfighting arenas to diverse existing and emerging civil, commercial, and academic needs

Today, as a field activity of the Naval Sea Systems Command and an integral component of the Naval Surface Warfare Center's Dahlgren Division, CSS is one of the Navy's major RDT&E laboratories, with a wide base of expertise in science and technology, engineering, modeling and simulation, and T&E. With its major tenant commands—the Navy Experimental Diving Unit (NEDU) and Naval Diving and Salvage Training Center (NDSTC)—CSS provides the nucleus for all Department of Defense diving efforts. Also included in the tenant community are the U.S. Coast Guard, the Florida Marine Patrol, and the Department of Veterans Affairs.



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